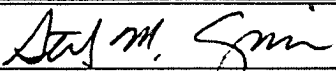




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June 15, 2009

<i>Certificate of Transmission</i> <i>I hereby certify that this correspondence is being submitted via EFS to the Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on the date below.</i>	
<i>Typed or Printed Name: Stanley M. Erjavac</i>	
<i>Signature</i> 	<i>Date: June 15, 2009</i>

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Patent No. 7,509,183 - Issued: March 24, 2009
Title: Integrated Global Layout And Local
Microstructure Topology Optimization Approach
For Spinal Cage Design And Fabrication
Inventors: Chia Ying Lin, Scott J. Hollister,
Cheng-Yu Lin
Attorney Docket No. 2115-002504/US/NPB

Sir:

We have reviewed the above-identified patent and have found the following error which appears to require a Certificate of Correction:

Column 1, line 34 "L-20" should be --L=20--.
(application page 1, line 26)

Enclosed herewith is the Patent and Trademark Office Certificate of Correction form which we request be approved for the above identified patent.

Harness, Dickey & Pierce, P.L.C.
Attorneys and Counselors
P.O. Box 828
Bloomfield Hills, Michigan 48303 U.S.A.
248.641.1600 • fax 248.641.0270

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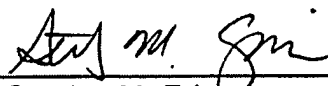
Director of the United States Patent
and Trademark Office
June 15, 2009
Page -2-

U.S. Patent No. 7,509,183
Issued: March 24, 2009

The Director is hereby authorized to charge the Harness, Dickey & Pierce,
P.L.C. Deposit Account, No. 08-0750 any fees which may be determined to be required
in connection with this request for Certificate of Correction.

Respectfully submitted,
HARNES, DICKEY & PIERCE, P.L.C.

Dated: June 15, 2009

By: 
Stanley M. Erjavac
Reg. No. 38,442

SME/slg
Enclosure

1009/00

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO : 7,509,183

APPLICATION NO: 10/553,851

DATED : March 24, 2009

INVENTOR(S) : Chia Ying Lin et al.

It is certified that error appears in the above-identified patent and that said Letters Patent
is hereby corrected as shown below:

Column 1, line 34

"L-20" should be --L=20--.

MAILING ADDRESS OF SENDER: Stanley M. Erjavac
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PATENT NO. 7,509,183

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.